

WHAT IS CLAIMED IS:

1. A friction roller type transmission comprising:

5 a first roller and a second roller disposed around two shafts spaced in parallel away from each other so that said first roller and said second roller, with said respective shafts being centered, do not contact each other; and

10 a third roller and a fourth roller each of which contacts both of said first roller and said second roller, and disposed between said first roller and said second roller and on the side opposite to a line connecting a center of said first roller and a center of said second roller,

15 wherein an angle which is made by a tangential line between said first roller and said third roller (or said fourth roller) and a tangential line between said second roller and said third roller (or said fourth roller) is set not to exceed two times a frictional angle obtained from a coefficient of
20 friction between said respective rollers, and

a set load is applied to holding members for rotatably holding said third or fourth roller so that said holder members are retained in set positions.

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2. A friction roller type transmission according to claim 1, wherein said holding member is

constructed of flange portions formed integrally or separately and of a pin.

3. A friction roller type transmission according
5 to claim 1, wherein said holding member is formed
with windows or grooves in which a spring member is
fitted.